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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/010,919	01/23/98	ORDISH	C 3432.73540

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EXAMINER	
KALINOWSKI, A	
ART UNIT	**PAPER NUMBER**
2166	19

DATE MAILED: 11/06/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.	Applicant(s)
09/010,919	Ordish et al
Examiner	**Art Unit**
Alexander Kalinowski	2166

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on *Jul 13, 2001* .

2a) ☐ This action is **FINAL.** 2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *43-95, 97-101, 103, 104, 106-108, and 110-117* is/are pending in the application.

4a) Of the above, claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *43-95, 97-101, 103, 104, 106-108, and 110-117* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved.

12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

a) ☐ All b) ☐ Some* c) ☐ None of:

1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

15) ☒ Notice of References Cited (PTO-892)

16) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

17) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____

18) ☐ Interview Summary (PTO-413) Paper No(s). _____

19) ☐ Notice of Informal Patent Application (PTO-152)

20) ☐ Other:

Tim Romero
Primary Examiner
AU 2166

DETAILED ACTION

1. Claims 43-95, 97-101, 103, 104, 106-108, and 110-117 are presented for examination. Applicant filed a request for a continuing prosecution application. Applicant further filed a preliminary amendment on 7/13/2001 canceling claims 96, 102, 105, and 109 and amending claims 43, 54, 59, 62, 63, 67, 68, 79, 84, 87, 88, 92, 93, 100, 103, 104, 106, 108, 110, 112, 113, and 117.

Continued Prosecution Application

2. The request filed on 7/13/2001 for a Continued Prosecution Application (CPA) under 37 CFR 1.53(d) based on parent Application No. 09/010,919 is acceptable and a CPA has been established. An action on the CPA follows.

Response to Arguments

3. Applicant's arguments with respect to claims 43-95, 97-101, 103, 104, 106-108, and 110-117 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 112

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claim 97 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claim 97 is dependent on claim 96. However, Applicant canceled claim 96. Therefore, the Examiner cannot determine the scope of claim 97. For purposes of applying prior art, the Examiner will assume that claim 97 is dependent on claim 93.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

7. Claims 43-95, 97-101, 103, 104, 106-108, and 110-117 are rejected under 35 U.S.C. 103(a) as being unpatentable over Silverman et al., EP0399850 A2 (hereinafter Silverman) in view of Tseung, Pat. No. 5,036,518.

With respect to claim 43, Silverman discloses a system for exchanging signals relating to at least a bid and an offer (see abstract), the system comprising:

a network (unit 22) connected to workstations, units (26a) and (26b) (Fig. 1) ;

a first workstation (unit 24a) of said workstations, said first workstation sending a first signal to said network signaling a bid in response to an initial offer (i.e. trader decides to enter a bid or enter an offer in an effort to complete matching a transaction. Key station 24a submits bid transaction to central system 20)(see Fig. 6 and col. 18, lines 35-50);

a second workstation of said workstations, said second workstation receiving a second signal indicative of said bid from said network (Directed Msg. B) and for sending an acknowledgment of said received bid to said network (Directed Msg.-Ack B)(i.e. directed message sent to the counterparty workstations and associated directed message acknowledgment) and (see Fig 6 and col.19, lines 26-32 and lines 48-52)

said network sending at least a third signal to said first workstation and at least a fourth signal to said second workstation, said at least third and said at least fourth signals indicating acknowledgment of said acknowledgment from said second workstation (i.e. the system generates directed messages to the counterparties, the associated directed message acknowledgments and the IXM update broadcast message 132 to all keystations 24 including 24a and 24b)(col. 19, lines 26-32 and col. 20, lines 3-11).

Silverman does not explicitly disclose

wherein at least one of said network, said first workstation and said second workstation determines when one of said acknowledgments has not been received during an interval.

However, Tseung discloses wherein at least one of said network, said first workstation and said second workstation determines when one of said acknowledgments has not been received

during an interval (i.e. ACK Timer)(see Fig. 7, Fig 8, and col. 19, line 20 - col. 20, line 5). It would have been obvious to one of ordinary skill in the art at the time of Applicant's invention to include wherein at least one of said network, said first workstation and said second workstation determines when one of said acknowledgments has not been received during an interval within the Silverman system in order to guarantee delivery of digital messages in a network particularly in stock market trading systems (col. 1, lines 6-11, col. 5, lines 18-21 and col. 8, lines 56-64).

With respect to claim 44, Silverman discloses the system according to claim 44, wherein said at least third signal includes a first purchase confirmation signal and said at least fourth signal includes a second purchase confirmation signal (i.e. broadcast message to all workstations 24)(col. 19, lines 26-32 and col. 20, lines 3-11).

With respect to claim 45, Silverman discloses the system according to claim 43, further comprising at least one storage node for recording the completion of a purchase relating to said bid (i.e order database 114 and 116)(col. 16, lines 25-39).

With respect to claim 46, Silverman discloses the system according to claim 43.

Silverman does not explicitly disclose

wherein prior to the transmission of said first signal by said first workstation, said second workstation transmits said initial offer to said network.

However, Silverman does disclose a user of a first workstation decides to enter a bid or enter an offer in an effort to complete matching a transaction (col. 6, lines 61-63). Since the system matches the bid or offer of the user of the first workstation with the initial bid or offer of the second workstation, the user of the first workstation could have entered a bid or offer in response to the initial bid or offer of the user of the second workstation. It would have been obvious to one of ordinary skill in the art at the time of Applicant's invention to include wherein prior to the transmission of said first signal by said first workstation, said second workstation transmits said initial offer to said network within the Silverman system since the first workstation submits a bid or response in an effort to complete a matching transaction (col. 8, lines 15-18).

With respect to claim 47, Silverman does not explicitly disclose the system according to claim 46, said network generating and transmitting an acknowledgment of said initial bid to said second workstation.

However, Silverman does disclose the network generating and transmitting an acknowledgment of the first workstation sending a first signal to said network signaling a bid in response to an initial offer (see Fig. 6, CMD-ACK 122).The purpose of the acknowledgment signal is for the network to acknowledge receipt of a transaction signal from the first workstation (col. 8, lines 42-45). Although Silverman does not explicitly disclose a command acknowledgment of the initial transactional signal from the second workstation, it would have been obvious to one of ordinary skill int the art at the time of Applicant's invention to include the system according to

claim 46, said network generating and transmitting an acknowledgment of said initial bid to said second workstation within Silverman in order to acknowledge receipt of a transactional message from the second workstation (col. 10, lines 27-31).

With respect to claim 48, Silverman discloses the system according to claim 43, said network generating and transmitting an acknowledgment of the receipt of the first signal (i.e. CMD-Ack 122)(Fig. 6).

With respect to claim 49, Silverman discloses the system according to claim 48, wherein said acknowledgment of the receipt of said first signal and said second signal indicative of said bid are match notification signals (directed Msg. A 124 and Directed Msg. B 128) generated by at least one computer unit 20 in said network (see Fig. 6).

With respect to claim 50, Silverman does not explicitly disclose the system according to claim 43, wherein said second workstation further comprises:

a confirmation timer for measuring the time elapsed from said second workstation receiving said second signal until said second workstation receives said fourth signal; and

a storage unit for storing an indication that a purchase relating to said bid was not completed upon the elapsed time measured by said confirmation timer exceeding a predetermined confirmation timeout period.

However Tseung discloses a confirmation timer for measuring the time elapsed from said second workstation receiving said second signal until said second workstation receives said fourth signal interval (i.e. ACK Timer)(see Fig. 1, Fig. 7, Fig 8, and col. 19, line 20 - col. 20, line 5). Tseung further discloses a storage unit for storing an indication that a purchase relating to said bid was not completed upon the elapsed time measured by said confirmation timer exceeding a predetermined confirmation timeout period (i.e. management system can then analyze or display such information)(col. 30, lines 15-33). It would have been obvious to one of ordinary skill in the art at the time of Applicant's invention to include a confirmation timer for measuring the time elapsed from said second workstation receiving said second signal until said second workstation receives said fourth signal; and a storage unit for storing an indication that a purchase relating to said bid was not completed upon the elapsed time measured by said confirmation timer exceeding a predetermined confirmation timeout period within the Silverman system in order to guarantee delivery of digital messages in a network particularly in stock market trading systems (col. 1, lines 6-11, col. 5, lines 18-21 and col. 8, lines 56-64).

With respect to claim 51, Silverman does not explicitly disclose

a display for displaying a late confirmation was received upon said second workstation receiving said fourth signal after said predetermined confirmation timeout period has expired for said purchase.

However, Tseung discloses a display for displaying a late confirmation was received upon said second workstation receiving said fourth signal after said predetermined confirmation timeout period has expired for said purchase (i.e. management system can then analyze or display such information)(col. 30, lines 15-33). It would have been obvious to one of ordinary skill in the art at the time of Applicant's invention to include a display for displaying a late confirmation was received upon said second workstation receiving said fourth signal after said predetermined confirmation timeout period has expired for said purchase within the Silverman system in order to guarantee delivery of digital messages in a network particularly in stock market trading systems (col. 1, lines 6-11, col. 5, lines 18-21 and col. 8, lines 56-64).

With respect to claim 52, Silverman discloses the system according to claim 43, wherein said network further comprises:

a computer for matching bids and offers from said workstations in accordance with predetermined matching criteria (i.e. the central system 20 validates the transaction request and attempts to find matches between this new entry and other bids and offers posted in the system book subject to counterparty credit limits)(col. 8, lines 29-37).

With respect to claim 53, Silverman does not explicitly disclose

an acknowledgment timer for measuring the time elapsed from reception of said first signal by said network from said first workstation until reception of said acknowledgment by said network from said second workstation; and

a storage unit for storing an indication that a purchase was not acknowledged upon the elapsed time measured by said acknowledgment timer exceeding a predetermined acknowledgment timeout period.

However, Tseung discloses an acknowledgment timer for measuring the time elapsed from reception of said first signal by said network from said first workstation until reception of said acknowledgment by said network from said second workstation (i.e. ACK Timer)(see Fig. 1, Fig. 7, Fig 8, and col. 19, line 20 - col. 20, line 5). Tseung further discloses a storage unit for storing an indication that a purchase was not acknowledged upon the elapsed time measured by said acknowledgment timer exceeding a predetermined acknowledgment timeout period (i.e. management system can then analyze or display such information)(col. 30, lines 15-33). It would have been obvious to one of ordinary skill in the art at the time of Applicant's invention to include an acknowledgment timer for measuring the time elapsed from reception of said first signal by said network from said first workstation until reception of said acknowledgment by said network from said second workstation; and a storage unit for storing an indication that a purchase was not acknowledged upon the elapsed time measured by said acknowledgment timer exceeding a predetermined acknowledgment timeout period within the Silverman system in order to guarantee

delivery of digital messages in a network particularly in stock market trading systems (col. 1, lines 6-11, col. 5, lines 18-21 and col. 8, lines 56-64).

With respect to claim 54, Silverman discloses a method for acknowledging the receipt signals relating to bids and offers in an electronic trading system, said electronic trading system including a network and at least first and second workstations coupled to a network (see abstract and Fig. 6), the method comprising the steps of:

sending an offer from the first workstation to the network in response to an initial bid (i.e. trader decides to enter a bid or enter an offer in an effort to complete matching a transaction. Key station 24a submits bid transaction to central system 20)(see Fig. 6 and col. 18, lines 35-50);

receiving the offer from said network at the second workstation (i.e. directed Msg. B 128)(Fig. 6);

sending from the second workstation to said network an acknowledgment of the receipt of the offer (i.e. Directed Msg.-Ack B)(Fig. 6); and

sending from the network to the first and second workstations an indication that the network acknowledges the acknowledgment from said second workstation (i.e. Broadcast Msg. 132)(Fig. 6).

Silverman does not explicitly disclose

determining when at least one of said acknowledgments has not been received during an interval.

However, Tseung discloses wherein at least one of said network, said first workstation and said second workstation determines when one of said acknowledgments has not been received during an interval (i.e. ACK Timer)(see Fig. 7, Fig 8, and col. 19, line 20 - col. 20, line 5). It would have been obvious to one of ordinary skill in the art at the time of Applicant's invention to include determining when at least one of said acknowledgments has not been received during an interval within the Silverman system in order to guarantee delivery of digital messages in a network particularly in stock market trading systems (col. 1, lines 6-11, col. 5, lines 18-21 and col. 8, lines 56-64).

With respect to claim 55, Silverman does not explicitly disclose the method according to claim 54, further comprising the steps of:

sending the initial bid from the second workstation to the network.

However, Silverman does disclose a user of a first workstation decides to enter a bid or enter an offer in an effort to complete matching a transaction (col. 8, lines 15-18). Since the system matches the bid or offer of the user of the first workstation with the initial bid or offer of the second workstation, the user of the first workstation could have entered a bid or offer in response to the initial bid or offer of the user of the second workstation. It would have been obvious to one of ordinary skill in the art at the time of Applicant's invention to include sending

the initial bid from the second workstation to the network within the Silverman system since the first workstation submits a bid or response in an effort to complete a matching transaction (col. 8, lines 15-18).

Silverman does not explicitly disclose

receiving an acknowledgment of the initial bid from the network at the second workstation.

However, Silverman does disclose the network generating and transmitting an acknowledgment of the first workstation sending a first signal to said network signaling a bid in response to an initial offer (see Fig. 6, CMD-ACK 122).The purpose of the acknowledgment signal is for the network to acknowledge receipt of a transaction signal from the first workstation (col. 10, lines 27-31). Although Silverman does not explicitly disclose a command acknowledgment of the initial transactional signal from the second workstation, it would have been obvious to one of ordinary skill int the art at the time of Applicant's invention to include the system according to claim 46, said network generating and transmitting an acknowledgment of said initial bid to said second workstation within Silverman in order to acknowledge receipt of a transactional message from the second workstation (col. 10, lines 27-31).

With respect to claim 59, Silverman discloses a computer-readable medium having computer-executable instructions for performing steps (see abstract, Fig. 1 and Fig. 6) comprising:

receiving at a networked processor an offer from a first workstation in response to an initial bid (i.e. trader decides to enter a bid or enter an offer in an effort to complete matching a transaction. Key station 24a submits bid transaction to central system 20)(see Fig. 6 and col. 18, lines 35-50);

sending the offer from the networked processor to a second workstation (i.e. directed Msg. B 128)(Fig. 6);

receiving an acknowledgment of a transaction based on the offer from the second workstation at the networked processor (i.e. Directed Msg.-Ack B)(Fig. 6); and

sending from the networked processor to the first and second workstations an indication that the networked processor received the acknowledgment of the transaction (i.e. Broadcast Msg. 132)(Fig. 6).

Silverman does not explicitly disclose

determining when at least one of said acknowledgments has not been received during an interval.

However, Tseung discloses wherein at least one of said network, said first workstation and said second workstation determines when one of said acknowledgments has not been received during an interval (i.e. ACK Timer)(see Fig. 7, Fig 8, and col. 19, line 20 - col. 20, line 5). It would have been obvious to one of ordinary skill in the art at the time of Applicant's invention to include determining when at least one of said acknowledgments has not been received during an interval within the Silverman system in order to guarantee delivery of digital messages in a

network particularly in stock market trading systems (col. 1, lines 6-11, col. 5, lines 18-21 and col. 8, lines 56-64).

With respect to claim 60, Silverman does not explicitly disclose the computer-readable medium of claim 59 having further computer-executable instructions for performing the following steps:

receiving at the networked processor the initial bid from the second workstation.

However, Silverman does disclose a user of a first workstation decides to enter a bid or enter an offer in an effort to complete matching a transaction (col. 8, lines 15-18). Since the system matches the bid or offer of the user of the first workstation with the initial bid or offer of the second workstation, the user of the first workstation could have entered a bid or offer in response to the initial bid or offer of the user of the second workstation. It would have been obvious to one of ordinary skill in the art at the time of Applicant's invention to include receiving at the networked processor the initial bid from the second workstation within the Silverman system since the first workstation submits a bid or response in an effort to complete a matching transaction (col. 8, lines 15-18).

Silverman does not explicitly disclose

sending an acknowledgment of the initial bid from the networked processor to the second workstation.

However, Silverman does disclose the network generating and transmitting an acknowledgment of the first workstation sending a first signal to said network signaling a bid in response to an initial offer (see Fig. 6, CMD-ACK 122).The purpose of the acknowledgment signal is for the network to acknowledge receipt of a transaction signal from the first workstation (col. 10, lines 27-31). Although Silverman does not explicitly disclose a command acknowledgment of the initial transactional signal from the second workstation, it would have been obvious to one of ordinary skill int the art at the time of Applicant's invention to include the system according to claim 46, said network generating and transmitting an acknowledgment of said initial bid to said second workstation within Silverman in order to acknowledge receipt of a transactional message from the second workstation (col. 10, lines 27-31).

With respect to claim 62, Silverman discloses a workstation participating in the exchange of signals, the signals including at least a bid and an offer, the workstation connected to a network, said network connected to at least a second workstation (see abstract and Fig. 1), said workstation comprising:

a receiver unit 24a for receiving an initial offer (i.e. trader can decide whether to enter a bid or enter an offer in an effort to complete matching a transaction) (see Fig. 6 and col. 8, lines 15-25);

a processor unit 20 for processing said initial offer (col. 8, lines 29-37);

an output for outputting a first signal to said network, said first signal signaling a bid in response to said initial offer (i.e. trader decides to enter a bid or enter an offer in an effort to complete matching a transaction. Key station 24a submits bid transaction to central system 20)(see Fig. 6 and col. 18, lines 35-50);

said receiver also receiving a second signal wherein said second signal indicates the acknowledgment of a receipt of said first signal by said second workstation (i.e. Broadcast Msg 132)(Fig. 6).

Silverman does not explicitly disclose

and a third signal when said acknowledgment was not received during an interval.

However, Tseung discloses wherein at least one of said network, said first workstation and said second workstation determines when one of said acknowledgments has not been received during an interval (i.e. ACK Timer and retransmission of message)(see Fig. 7, Fig 8, and col. 19, line 20 - col. 20, line 5). It would have been obvious to one of ordinary skill in the art at the time of Applicant's invention to include and a third signal when said acknowledgment was not received during an interval within the Silverman system in order to guarantee delivery of digital messages in a network particularly in stock market trading systems (col. 1, lines 6-11, col. 5, lines 18-21 and col. 8, lines 56-64).

With respect to claim 63, Silverman discloses a computer-readable medium having-computer-executable instructions for performing steps associated with a purchase comprising a bid and an offer (see abstract and Fig. 1) comprising:

transmitting to a network an offer from a first workstation in response to a received initial bid (i.e. trader can decide whether to enter a bid or enter an offer in an effort to complete matching a transaction) (see Fig. 6 and col. 8, lines 15-25); and

receiving an acknowledgment from said network indicating that a workstation originating said initial bid has acknowledged said transmitted offer (i.e. Broadcast Msg 132)(Fig. 6). Silverman does not explicitly disclose

receiving an alert from said network when said acknowledgment has not been received during an interval.

However, Tseung discloses wherein at least one of said network, said first workstation and said second workstation determines when one of said acknowledgments has not been received during an interval (i.e. ACK Timer)(see Fig. 7, Fig 8, and col. 19, line 20 - col. 20, line 5). It would have been obvious to one of ordinary skill in the art at the time of Applicant's invention to include receiving an alert from said network when said acknowledgment has not been received during an interval within the Silverman system in order to guarantee delivery of digital messages in a network particularly in stock market trading systems (col. 1, lines 6-11, col. 5, lines 18-21 and col. 8, lines 56-64).

With respect to claim 64, Silverman discloses the computer readable medium according to claim 63, having further computer readable instructions comprising the step of:

processing said acknowledgment as an acceptance of said transmitted offer (i.e. broadcast Msg 132)(Fig. 6).

With respect to claim 65, Silverman discloses the system according to claim 43, wherein said third signal and said fourth signal indicate that a transaction relating to said bid is complete (i.e. Broadcast Msg. 132)(Fig. 6).

With respect to claim 66, The method according to claim 54, wherein the indication that the network acknowledges the acknowledgment from said second workstation signifies the completion of a transaction relating to said bid (i.e. Broadcast Msg. 132)(Fig. 6).

Claims 67, 68, 79, 84, 87, 88, 92, 93, 104, 112, 113 and 117 are similar in scope to claims 43, 54, 59, 62, 63, and 67 and are rejected on the same basis.

Claims 69, 70, 73, 74, 77, 89, 90, 91, 94, 95, 98, 99, and 114-116 recite the substantially the same limitations as claims 44, 45, 48, 49, 52, 64-66 and the claims are rejected on the same basis.

Claims 71, 72, 80, 85, 97, recite substantially the same limitations as claims 46, 47, 55 and are rejected on the same basis.

Claims 56, 75, 81, 100, and 106, recite substantially the same limitations as claim 50 and are rejected on the same basis.

Claims 57, 76, 82, and 107 recite substantially the same limitations as claim 51 and are rejected on the same basis.

Claims 58, 61, 78, 83, 103, 108, and 111 recite substantially the same limitations as claim 53 and are rejected on the same basis.

Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander Kalinowski, whose telephone number is (703) 305-2398. The examiner can normally be reached on Monday to Thursday from 8:30 AM to 6:00 PM. In addition, the examiner can be reached on alternate Fridays.

If any attempt to reached the examiner by telephone is unsuccessful, the examiner's supervisor, Tariq Hafiz, can be reached on (703) 305-9643. The fax telephone number for this group is (703) 305-0040.

Alexander Kalinowski

11/3/2001

Primary Examiner
AU 2166